

AMERICAN INDIANS AND ALASKA NATIVES IN MARYLAND: HEALTH DATA AND RESOURCES



July 2013

Office of Minority Health and Health Disparities
Maryland Department of Health and Mental Hygiene

Martin O'Malley, Governor

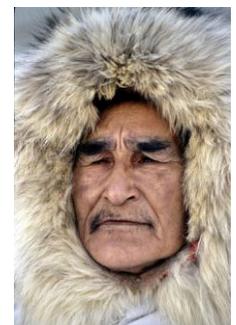
Anthony G. Brown, Lt. Governor

Joshua M. Sharfstein, Secretary



MARYLAND AMERICAN INDIANS AND ALASKA NATIVES (AI/AN): DATA HIGHLIGHTS

- According to the 2010 U.S. Census, in Maryland, 20,420 persons reported AI/AN as their only race, and 58,657 persons reported AI/AN as some part of their racial heritage, constituting 0.4% and 1.0% of the State's population, respectively. 32.3% of the AI/AN (Race alone) population reported Hispanic as their ethnicity.
- Most of the AI/AN population in Maryland lives in the Baltimore Metro Area and the National Capital Area.
- Seven percent of AI/ANs (Combination) in Maryland were not U.S. citizens and 8% spoke English less than "very well".
- AI/ANs in Maryland were less likely to have private health insurance, more likely to have public health insurance, and more likely to be without any health insurance, compared to all Marylanders.
- The HIV incidence rate for Non-Hispanic AI/ANs was twice that of the Non-Hispanic Whites in Maryland.
- American Indians 75 years old or older had the highest incidence of End Stage Renal Disease (ESRD) across all racial groups in Maryland.
- American Indians' infant mortality rate was about twice that of the Whites in Maryland for the years 2006-2010 combined.
- The percentage of low birth weight infants was 1.4 times higher for AI/ANs than for Whites in Maryland for the years 2010-2011 combined.



Note: In this publication, American Indians/Alaska Natives reporting only one race (Race Alone) is written as AI/AN (Race alone), and those reporting American Indian/Alaska Native race either alone or in combination with one or more other races is written as AI/AN (Combination). The difference between these two approaches is shown on Pages 2, 3 and 4. If AI/AN is not specified as Race Alone or Combination, the data are the Bridged Race Data method. (http://www.cdc.gov/nchs/data/dvs/multiple_race_documentation_5-10-04.pdf)

MARYLAND AI/AN POPULATION

Maryland is one of the states where the size of the combined racial and ethnic minority population is beginning to approach that of the Non-Hispanic White population. An estimated 45.3% of Maryland's population identified as a racial or ethnic minority in 2010.

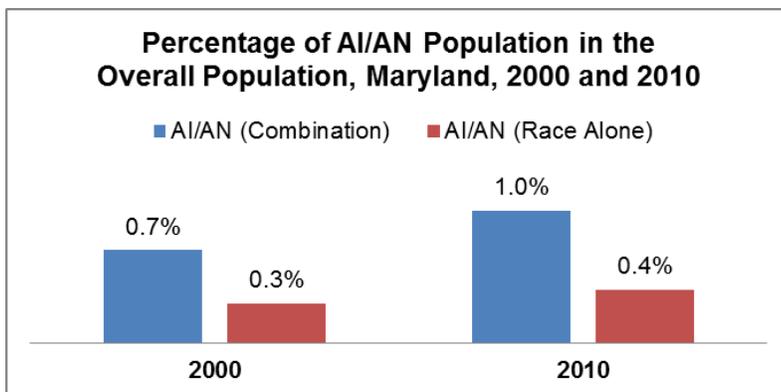
According to the U.S. Census Bureau, in 2010 Maryland had 20,420 persons who reported American Indian or Alaska Native (AI/AN) as their only race, which was 0.4% of the State's population. There were 58,657 Marylanders who reported AI/AN as some part of their racial heritage (1.0% of the State's population in 2010). This larger "race alone or in combination" count was more than double the smaller "race alone" count for the AI/AN population. According to the 2000 U.S. Census, Maryland had 15,423 persons who reported AI/AN as their only race (0.3% of the State's population in 2000); and 39,437 persons reported AI/AN as some part of their racial heritage (0.7% of the State's population in 2000) (Figure 1). The AI/AN (Race Alone) population in Maryland has increased by 32.4% from 2000 to 2010; and the AI/AN (Combination) population in Maryland has increased by 48.7% from 2000 to 2010. Table 1 also shows that 32.3% of the AI/AN (Race alone) population reported Hispanic as their ethnicity.

Table 1: Maryland Population, 2010 U.S. Census by Race and Ethnicity

	All Ethnicity			Non-Hispanic		Hispanic	
White	3,359,284	58.2%		3,157,958	54.7%	201,326	3.5%
Non-White	2,414,268	41.8%		2,144,962	37.2%	269,306	4.7%
<i>Black</i>	1,700,298	29.4%		1,674,229		26,069	
<i>Asian</i>	318,853	5.5%		316,694		2,159	
<i>Hawaiian/ Pac Isle</i>	3,157	0.1%		2,412		745	
American Indian/Alaska Native	20,420	0.4%		13,815	67.7%	6,605	32.3%
<i>Some Other Race</i>	206,832	3.6%		11,972		194,860	
<i>Two or More Races</i>	164,708	2.9%		125,840		38,868	
MD Total	5,773,552	100.0%		5,302,920	91.8%	470,632	8.2%

Source: 2010 Census Demographic Profiles, Department of Planning, Projections and Data Analysis/State Data Center, May 2011

Figure 1. Percentage of AI/AN Population in the Overall Population, Maryland 2000, 2010



Source: U.S. Census, 2000 and 2010

From 2000 to 2010, the AI/AN population in Maryland increased by 32% and 49% for the AI/AN (Race Alone) and the AI/AN (Combination) groups, respectively.

According to the American Community Survey (2009-2011), of the AI/AN (Combination) population in Maryland, 31.4% reported one race, 54.6% reported two races, 13.1% reported three races, and 1.0% reported four or more races.

Population (Race Alone) by Jurisdiction

Table 2. American Indians or Alaska Natives (Race Alone) by Jurisdiction, Maryland 2010

	All Races	American Indian and Alaska Native (Race Alone)	Percentage of Population that is AI/AN (Race Alone)	Percentage of Maryland AI/AN (Race Alone) Population that Lives in the Jurisdiction
MARYLAND	5,773,552	20,420	0.35%	100.00%
NORTHWEST AREA	485,999	1,194	0.25%	5.85%
GARRETT	30,097	43	0.14%	0.21%
ALLEGANY	75,087	107	0.14%	0.52%
WASHINGTON	147,430	314	0.21%	1.54%
FREDERICK	233,385	730	0.31%	3.57%
BALTIMORE METRO AREA	2,662,691	8,368	0.31%	40.98%
BALTIMORE CITY	620,961	2,270	0.37%	11.12%
BALTIMORE	805,029	2,625	0.33%	12.86%
ANNE ARUNDEL	537,656	1,665	0.31%	8.15%
CARROLL	167,134	328	0.20%	1.61%
HOWARD	287,085	866	0.30%	4.24%
HARFORD	244,826	614	0.25%	3.01%
NATIONAL CAPITAL AREA	1,835,197	7,897	0.43%	38.67%
MONTGOMERY	971,777	3,639	0.37%	17.82%
PRINCE GEORGE'S	863,420	4,258	0.49%	20.85%
SOUTHERN AREA	340,439	1,710	0.50%	8.37%
CALVERT	88,737	329	0.37%	1.61%
CHARLES	146,551	957	0.65%	4.69%
ST MARY'S	105,151	424	0.40%	2.08%
EASTERN SHORE AREA	449,226	1,251	0.28%	6.13%
CECIL	101,108	294	0.29%	1.44%
KENT	20,197	42	0.21%	0.21%
QUEEN ANNE'S	47,798	149	0.31%	0.73%
CAROLINE	33,066	123	0.37%	0.60%
TALBOT	37,782	65	0.17%	0.32%
DORCHESTER	32,618	112	0.34%	0.55%
WICOMICO	98,733	236	0.24%	1.16%
SOMERSET	26,470	85	0.32%	0.42%
WORCESTER	51,454	145	0.28%	0.71%

Source: 2010 Census Demographic Profiles, Department of Planning, Projections and Data Analysis/State Data Center, May 2011

Table 2 presents the AI/AN (Race Alone) population count by jurisdiction, the percent of each jurisdiction that is AIAN, and the percent of the AIAN population that lived in each jurisdiction in Maryland in 2010. Most of the AI/AN (Race Alone) population in Maryland lived in the Baltimore Metro Area, particularly in Baltimore City and Baltimore County, as well as the National Capital Area (Montgomery County and Prince George's County).

Population (Combination) by Jurisdiction

Table 3. American Indians or Alaska Natives (Combination) by Jurisdiction, Maryland 2010

	All Races	American Indian and Alaska Native (Combination)	Percentage of Population that is AI/AN (Combination)	Percentage of Maryland AI/AN (Combination) that lives in the Jurisdiction
MARYLAND	5,773,552	58,657	1.02%	100.00%
NORTHWEST AREA	485,999	3,681	0.76%	6.28%
GARRETT	30,097	141	0.47%	0.24%
ALLEGANY	75,087	406	0.54%	0.69%
WASHINGTON	147,430	1,120	0.76%	1.91%
FREDERICK	233,385	2,014	0.86%	3.43%
BALTIMORE METRO AREA	2,662,691	25,131	0.94%	42.84%
BALTIMORE CITY	620,961	6,441	1.04%	10.98%
BALTIMORE	805,029	7,395	0.92%	12.61%
ANNE ARUNDEL	537,656	5,347	0.99%	9.12%
CARROLL	167,134	973	0.58%	1.66%
HOWARD	287,085	2,887	1.01%	4.92%
HARFORD	244,826	2,088	0.85%	3.56%
NATIONAL CAPITAL AREA	1,835,197	21,175	1.15%	36.10%
MONTGOMERY	971,777	9,613	0.99%	16.39%
PRINCE GEORGE'S	863,420	11,562	1.34%	19.71%
SOUTHERN AREA	340,439	4,982	1.46%	8.49%
CALVERT	88,737	1,068	1.20%	1.82%
CHARLES	146,551	2,683	1.83%	4.57%
ST MARY'S	105,151	1,231	1.17%	2.10%
EASTERN SHORE AREA	449,226	3,688	0.82%	6.29%
CECIL	101,108	936	0.93%	1.60%
KENT	20,197	136	0.67%	0.23%
QUEEN ANNE'S	47,798	350	0.73%	0.60%
CAROLINE	33,066	330	1.00%	0.56%
TALBOT	37,782	213	0.56%	0.36%
DORCHESTER	32,618	315	0.97%	0.54%
WICOMICO	98,733	761	0.77%	1.30%
SOMERSET	26,470	240	0.91%	0.41%
WORCESTER	51,454	407	0.79%	0.69%

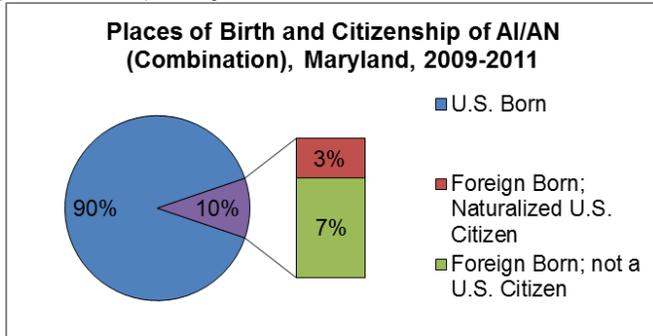
Source: 2010 Census Demographic Profiles, Department of Planning, Projections and Data Analysis/State Data Center, May 2011

Table 3 presents the AI/AN (Combination) population count by jurisdiction, the percent of each jurisdiction that is AI/AN, and the percent of the AI/AN population that lived in each jurisdiction in Maryland in 2010. Most of the AI/AN (Race Alone) population in Maryland lived in the Baltimore Metro Area, particularly in Baltimore City and Baltimore County, as well as the National Capital Area (Montgomery County and Prince George's County).

SOCIAL AND ECONOMIC WELL-BEING OF THE AI/AN POPULATION

Place of Birth and Citizenship

Figure 2. Place of Birth and Citizenship of AI/AN (Combination), Maryland, 2009-2011

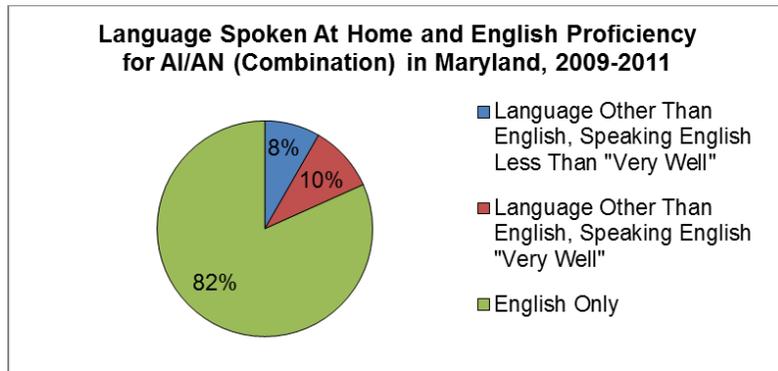


Source: American Community Survey 2009-2011

Figure 2 presents place of birth and U.S. citizenship status of the AI/AN (Combination) population in Maryland. About 90% of AI/ANs (Combination) in Maryland were born in the U.S. Approximately 3% of AI/ANs (Combination) in Maryland were born out of the country and became U.S. citizens later, whereas 7% of AI/ANs (Combination) in Maryland were born out of the country, and were not U.S. citizens at the time of survey. Among the AI/ANs (Combination) who were foreign born, 84.9% were born in Latin America. Additionally, of the 5,712 AI/ANs (Combination) who were foreign born, 50.6% entered the country in 2000 or later, 21.0% during 1990-1999, and 28.4% before 1990.

Language Use and English Proficiency

Figure 3. Language Spoken at Home and English Proficiency for AI/AN (Combination) in Maryland 2009-2011



Source: American Community Survey 2009-2011

Figure 3 shows languages spoken at home and English proficiency for AI/ANs in Maryland. About 8% of the AI/AN (Combination) population in Maryland spoke languages other than English at home and spoke English less than "very well" (Limited English Proficiency or LEP), whereas approximately 10% of the AI/AN (Combination) population spoke languages other than English at home and spoke English "very well." The remaining 82% of AI/ANs spoke only English at home.

Educational Attainment

Figure 4: Educational Attainment of AI/ANs and Overall Population in Maryland, 2006-2010

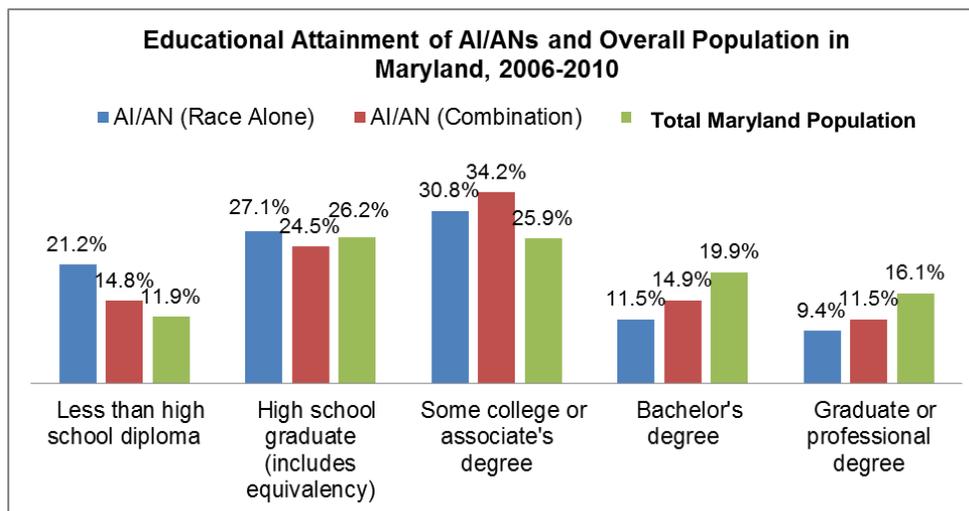


Figure 4 presents the educational attainment of AI/ANs compared with the overall Maryland population. AI/ANs were more likely to have less than a high school education compared to the total Maryland rate. AI/ANs were also less likely to have a bachelor's or a graduate/professional degree.

Source: American Community Survey 2009-2011

Economic Characteristics

Table 4: Economic Characteristics of Selected Racial Groups in Maryland 2006-2010

	AI/AN (Race Alone)	AI/AN (Combination)	White	Black	Asian
Median Household Income	\$54,961	\$59,222	\$77,493	\$56,075	\$87,555
In Civilian Labor Force	66.7%	69.3%	68.0%	69.9%	70.1%
Unemployment Rate	6.8%	7.5%	3.3%	7.1%	3.2%
Poverty Rate *	13.3%	13.1%	6.1%	13.2%	7.0%
Receiving Public Assistance	1.7%	3.1%	1.2%	3.6%	0.9%
Receiving Food Stamps	9.2%	11.4%	3.6%	11.8%	3.0%

Source: American Community Survey 2006-2010

*The poverty rate is based on the percentage of the population with income below poverty level in the past 12 months.

Table 4 presents selected economic characteristics of Maryland residents by race and ethnicity. Median household income was \$54,961 and \$59,222 for AI/ANs (Race Alone) and AI/ANs (Combination), respectively. These figures were both lower than the statewide median income of \$70,647. Nearly 70% of AI/ANs 16 years and over were in the civilian labor force, similar to the figure for other population groups. The unemployment and poverty rates for AI/ANs were similar to the rates for Blacks, and approximately double the rate of Whites and Asians. AI/ANs were also more likely to receive public assistance and food stamps than Whites and Asians.

Occupation

Table 5. Occupations of the Selected Racial Groups in Maryland 2006-2010

	AI/AN (Race Alone)	AI/AN (Combination)	White	Black	Asian
Management/Professional	34.9%	39.0%	46.6%	36.7%	58.1%
Service	18.7%	18.2%	13.1%	20.3%	14.2%
Sales and Office	21.7%	22.7%	23.7%	27.1%	18.8%
Natural Resources/Construction/Maintenance	12.7%	10.7%	9.6%	5.5%	3.1%
Production/Transportation	11.9%	9.4%	7.0%	10.5%	5.8%

Source: American Community Survey 2006-2010

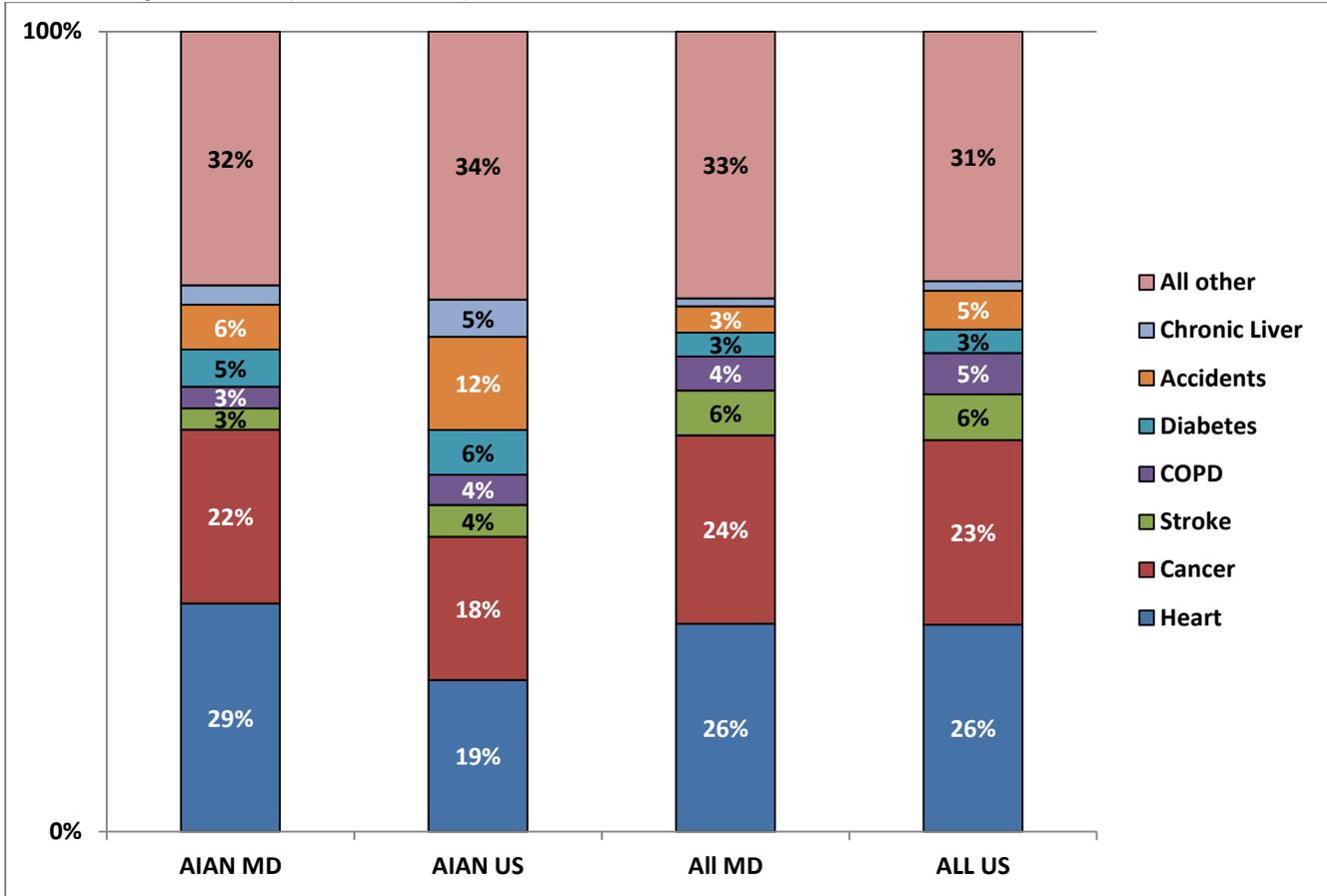
Table 5 shows types of occupations among Maryland residents by race. Over 18% of the employed AI/ANs in Maryland had service-related occupations. This figure was slightly lower than that for Blacks, but higher than that for Asians and Whites. AI/ANs were more likely to have jobs in natural resources/construction/maintenance than other racial groups, and less likely to have managerial/professional jobs than Whites or Asians.

MORTALITY

Review of recent all-cause mortality data for American Indians or Alaska Natives in Maryland shows that the death rates for this group can be quite variable from year to year, due to the small size of this population in Maryland. Because of this variability, accurate interpretations of single-year mortality data or short-term mortality trends are not possible.

Leading Causes Death for American Indians and Alaska Natives

Figure 5. Distribution of Major Causes of Death, as percent of all deaths, for AI/AN, Total Population, Maryland, US, 2003-2010 pooled data (CDC WONDER)



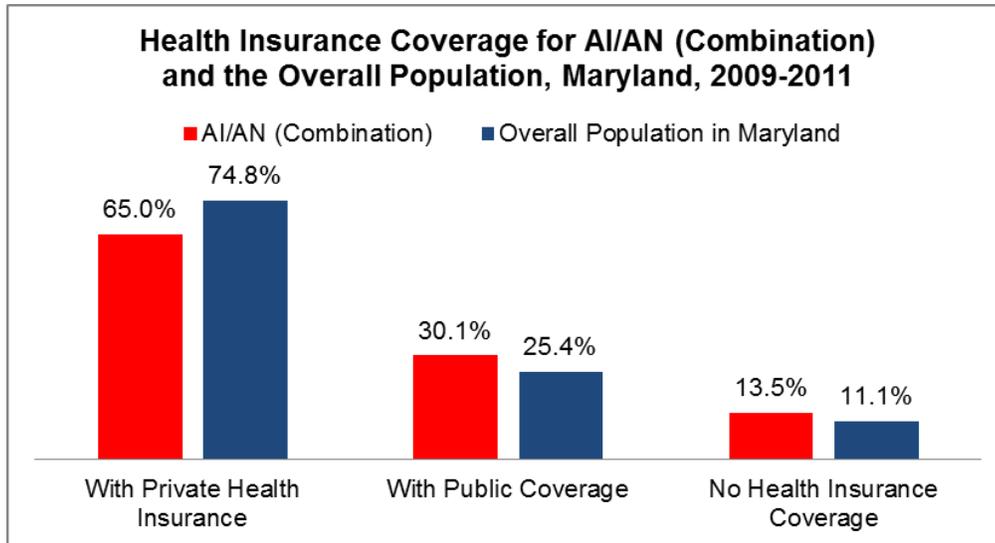
As shown in Figure 5, the percentage of deaths represented by the leading causes of death for American Indians or Alaska Natives and the total population in Maryland and the US show a similar overall pattern. In all four groups, heart disease is the leading cause, followed closely by cancer as the second leading cause. These two diseases account for about half of deaths, except for AI/AN in the US where they account for 37% of deaths. Causes other than those listed account for about a third of deaths for all the groups.

For American Indians and Alaska Natives in the US, 4.6% of deaths were due to chronic liver disease. This compares 2.5% of deaths in Maryland AI/ANs, and about 1% of deaths in both the Maryland and US total populations being due to chronic liver disease. Accidents were a greater contributor to deaths for AI/ANs, being 12% of AI/AN deaths in the US, and 6% of AI/AN deaths in Maryland. This compares to 5% of US deaths and 3% of Maryland deaths for all races being due to accidents.

HEALTHCARE ACCESS

Insurance

Figure 6. Health Insurance Coverage for AI/ANs (Combination) and the Overall Population, Maryland 2009-2011



Source: American Community Survey (2009-2011)

Figure 6 presents health insurance coverage among the AI/AN (Combination) civilian non-institutionalized population and the overall civilian non-institutionalized population in Maryland. The percentage with private health insurance coverage was higher in the overall Maryland population than for Maryland AI/ANs (Combination). The percentage of persons with public health insurance and the percentage having no health insurance were both higher for AI/ANs (Combination) than for the overall population in Maryland.

Prenatal Care

Figure 7. Percentage of Women Receiving Late or No Prenatal Care, Maryland 2010, 2011

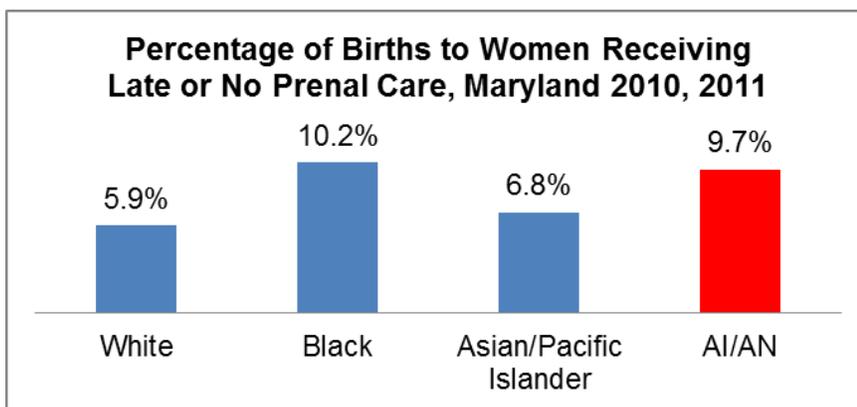


Figure 7 shows the percentage of Maryland women who received late (third trimester) or no prenatal care by race. AI/AN women were more likely to receive late or no prenatal care than Whites and Asians.

Source: Maryland Vital Statistics Reports 2010, 2011

HIV

Figure 8. HIV Incidence Rate by Race and Ethnicity, Maryland 2009

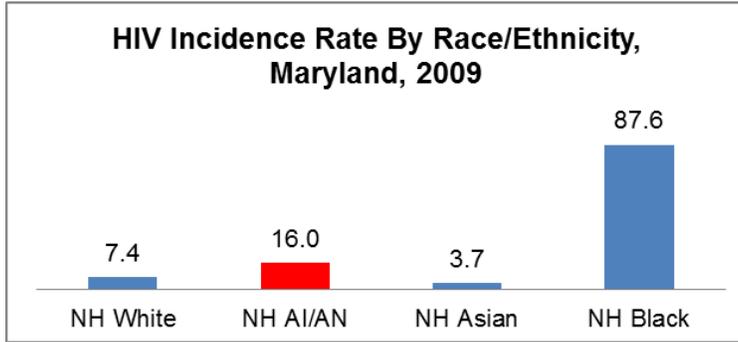


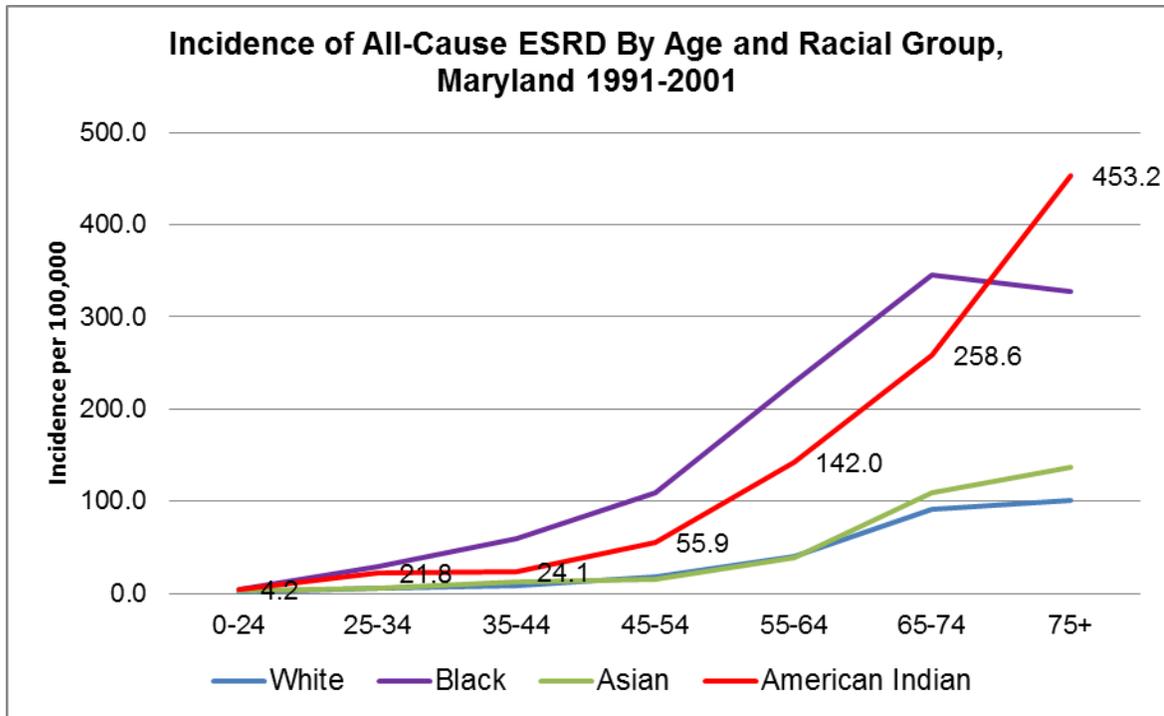
Figure 8 shows the HIV incidence rate by race in Maryland in 2009. The HIV incidence rate for Non-Hispanic (NH) AI/AN was more than twice the rate for NH Whites and more than four times higher the rate for NH Asians. However, the rate for NH AI/AN was substantially lower than of the rate for NH Black.

NH=Non-Hispanic

Source: Maryland HIV/AIDS Epidemiological Profile Fourth Quarter 2009

RENAL DISEASE

Figure 9. Incidence of All-cause ESRD by Age and Race, Maryland 1991-2001



Source: DHMH Analysis of US Renal Data System Data

Figure 9 shows the incidence of all-cause End Stage Renal Disease (ESRD) by age and race in Maryland during the years 1991-2001. The incidence of all-cause ESRD for American Indians was higher than that for Asians and Whites. For age 75 or older, the ESRD incidence rate was the highest for American Indians across all racial groups in Maryland.

MATERNAL AND INFANT HEALTH

Infant Mortality

Figure 10: Average Annual Infant Mortality Rate, Maryland 2006-2010

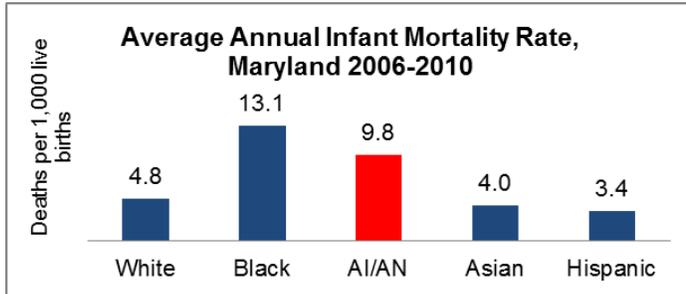


Figure 10 presents the infant mortality rate in Maryland by race during the years 2006-2010. The infant mortality rate for AI/ANs was more than twice that of Whites, Asians and Hispanics, but substantially lower than the rate for Blacks.

Source: Maryland Vital Statistics Reports 2006-2010

Low Birth Weight

Figure 11: Percentage of Low Birth Weight Infants, Maryland 2010, 2011

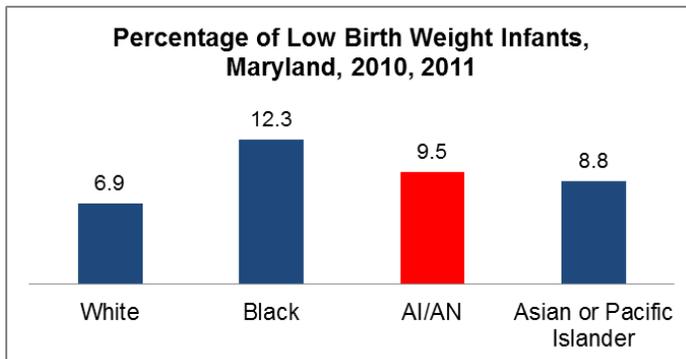
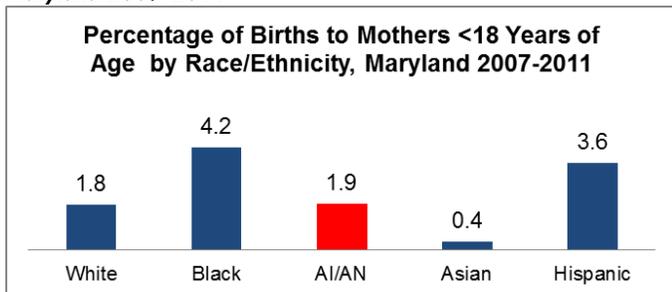


Figure 11 shows the percentage of low birth weight infants in Maryland during the years 2010 and 2011. The percentage of low birth weight infants was 1.4 times higher for AI/ANs than for Whites in Maryland.

Source: Maryland Vital Statistics Reports 2010, 2011

Births to Teenagers

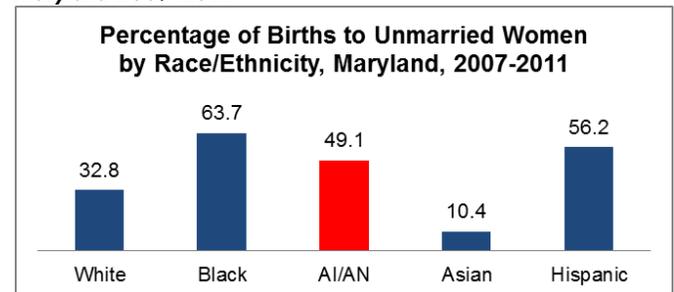
Figure 12: Percentage of Births to Mothers Less than 18 Years Old, Maryland 2007-2011



Source: Maryland Vital Statistics Reports 2007-2011

Birth to Unmarried Mothers

Figure 13: Percentage of Births to Unmarried Mothers, Maryland 2007-2011



Source: Maryland Vital Statistics Reports 2007-2011

Figure 12 shows the percentage of births to mothers less than 18 years of age in Maryland for 2007-2011. The percentage of AI/AN births to mothers in this age group was similar to the percentage among Whites.

Figure 13 shows the percentage of births to unmarried mothers in Maryland during the years 2007-2011. Approximately half of all births to AI/ANs were to unmarried women, a figure that was higher than the rate among Whites and Asians, but lower than the rate among Blacks and Hispanics.

MARYLAND AMERICAN INDIANS AND ALASKA NATIVES RESOURCES

-  **THE MARYLAND COMMISSION ON INDIAN AFFAIRS** | <http://www.americanindian.maryland.gov>
The Commission is committed to serving the interests of communities of Native American groups; promoting awareness and a better understanding of both historical and contemporary Native American contributions to life; and assisting state, local and private agencies responsible for addressing the educational, social and economic needs of Native American communities in Maryland.

-  **MARYLAND NATIVE AMERICAN RESOURCES (a part of the USGENWEB project)** | <http://www.rootsweb.ancestry.com/~mdgwnar/>
The webpage provides essential information on Maryland American Indian history, tribes and local resources in Maryland.

-  **NATIVE AMERICAN LIFELINES** | <http://nativeamericanlifelines.org/Main.php>
Native American Lifelines (located in Baltimore City) is dedicated to providing substance abuse, HIV/AIDS and hepatitis prevention to the American Indian communities through a comprehensive continuum of care that is patient centered, culturally sensitive and optimal for personal growth.

-  **BALTIMORE AMERICAN INDIAN CENTER (BAIC)** | <http://www.baic.org/>
BAIC is an urban American Indian community center that was established to assist and support American Indian and Alaskan Native families with moving into an urban environment and adjusting to the culture change they will experience.

-  **THE CEDARVILLE BAND OF PISCATAWAY INDIANS** | <http://piscatawayindians.org/>
The Cedarville Band of Piscataway Indians is active in improving and promoting the general welfare of indigenous people through self-governance, educational and economic achievement, and historic and cultural awareness.

-  **AMERICAN INDIAN SOCIETY (AIS) OF WASHINGTON, DC** | <http://aisdc.org/>
The AIS's goals are to preserve Indian culture and perpetuate Indian traditions, to promote fellowship among members to all American Indian tribes; to enlighten the public and encourage better understanding of the Indian people; and to assist young Indian boys and girls in their academic studies by establishing a scholarship fund.

-  **AMERICAN INDIAN INTER-TRIBAL CULTURAL ORGANIZATION (AIITCO)** | <http://www.aiitco.com/>
AIITCO is a non-profit association established in 1983. AIITCO offers its members the experience of learning different tribal histories, customs and traditions. The result of this cross-cultural sharing is the further preservation of the American Indian heritage, and affords members -- both Indian and non-Indian -- the opportunity for active involvement in the organization.

Maryland Department of Health and Mental Hygiene

Office of Minority Health and Health Disparities

Website: <http://dhmh.maryland.gov/mhhd/> | **Tel: (410) 767-7117** |

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